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OM nucleic - nucleic search, using sw model

Run on: June 29, 2004, 20:28:44 ; Search time 201 Seconds
(without alignments)
6775.371 Million cell updates/sec

Title: US-09-944-884-1

Perfect score: 2454

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Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 500 summaries

Database : Issued Patents_NA.*

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4: /cgn2_6/ptodata/2/ina/6B_COMB.seq.*

5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq.*

6: /cgn2_6/ptodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	1136.6	46.3	2305	4	US-09-724-864-8
3	295.4	12.0	1002	1	US-08-442-063A-26
4	295.4	12.0	1026	1	US-08-272-919-1
5	295.4	12.0	1026	1	US-08-619-916-1
6	295.4	12.0	1026	5	PCT-US95-08542-1
7	295.4	12.0	4167	4	US-09-169-768-12
8	291.4	11.9	1685	6	5340934-1
9	282.6	11.5	1593	6	5340934-3
10	271.6	11.1	924	1	US-08-442-063A-47
11	243	9.9	849	1	US-08-442-063A-44
12	189.8	7.7	711	1	US-08-442-063A-41
13	158.6	6.5	567	1	US-08-442-063A-38
14	150.2	6.1	334	4	US-09-833-381-1389
15	131	5.3	426	1	US-08-442-063A-35
16	86.8	3.5	291	1	US-08-442-063A-32
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18	73.4	3.0	301	4	US-09-389-681-73
19	73.4	3.0	301	4	US-09-620-405B-73
20	73.4	3.0	301	4	US-09-339-338-73
21	73.4	3.0	301	4	US-09-433-826B-73
22	73.4	3.0	301	4	US-09-604-287A-73
23	73.4	3.0	301	4	US-09-285-480-73
24	73.4	3.0	301	4	US-09-834-759-73
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27	54.6	2.2	7218	1	US-08-232-463-14

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29	52	2.1	168	1	US-08-442-063A-59	Sequence 59, Appl
30	51.2	2.1	4203	2	US-08-866-757-1	Sequence 1, Appl
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38	48	2.0	813	4	US-09-833-381-1396	Sequence 1386, Appl
39	48	2.0	6317	4	US-10-204-708-11	Sequence 11, Appl
40	47.8	1.9	4344	4	US-09-601-138-165	Sequence 165, Appl
41	47.2	1.9	666	4	US-09-545-216A-3	Sequence 3, Appl
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43	47.2	1.9	11049	4	US-10-204-708-22	Sequence 22, Appl
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51	44.2	1.8	1024	4	US-09-328-475C-64	Sequence 64, Appl
52	44.2	1.8	193303	4	US-09-497-855A-37	Sequence 37, Appl
53	44.2	1.8	193303	4	US-09-497-855A-44	Sequence 44, Appl
54	44.2	1.8	1830121	4	US-09-557-884-1	Sequence 1, Appl
55	44.2	1.8	1830121	4	US-09-643-990A-1	Sequence 1, Appl
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57	44	1.8	2733	1	US-08-676-974-3	Sequence 3, Appl
58	44	1.8	2733	2	US-09-098-487-3	Sequence 3, Appl
59	44	1.8	3701	3	US-08-845-258-10	Sequence 10, Appl
60	44	1.8	3701	3	US-08-990-571-10	Sequence 10, Appl
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63	44	1.8	3701	4	US-09-569-098A-10	Sequence 10, Appl
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65	43.8	1.8	5583	4	US-09-312-283C-372	Sequence 372, Appl
66	43.6	1.8	2295	1	US-08-375-300-3	Sequence 3, Appl
67	43.6	1.8	2295	5	PCT-US95-16930-3	Sequence 3, Appl
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76	43	1.8	1507	3	US-08-479-869-3	Sequence 3, Appl
77	43	1.8	1507	3	US-08-486-414-3	Sequence 3, Appl
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79	43	1.8	1507	5	PCT-US94-02252A-3	Sequence 3, Appl
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82	42.8	1.7	1962	3	US-09-265-315-18	Sequence 18, Appl
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86	42.8	1.7	1962	4	US-09-527-745-18	Sequence 18, Appl
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91	42.4	1.7	2639	4	US-09-907-794A-68	Sequence 68, Appl
92	42.4	1.7	2639	4	US-09-905-135A-68	Sequence 68, Appl
93	42.4	1.7	2639	4	US-09-902-775A-68	Sequence 68, Appl
94	42.4	1.7	8093	4	US-10-204-708-32	Sequence 32, Appl
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99	42.2	1.7	5046	4	US-09-725-735A-13	Sequence 13, Appl
100	42	1.7	11049	4	US-10-204-708-23	Sequence 23, Appl

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102	41.8	1.7	2026	4	US-09-324-455-1	Sequence 1, Appl	c 175	39	1.6	10640	4	US-09-417-485D-5	Sequence 5, Appl
103	41.8	1.7	2296	4	US-09-188-930-228	Sequence 228, Appl	c 176	38.8	1.6	694	4	US-09-457-037B-39	Sequence 39, Appl
104	41.8	1.7	2296	4	US-09-312-283C-228	Sequence 228, Appl	c 177	38.8	1.6	694	4	US-09-733-151-39	Sequence 39, Appl
105	41.8	1.7	19233	4	US-10-204-708-46	Sequence 46, Appl	c 178	38.8	1.6	1251	4	US-09-828-000-1	Sequence 1, Appl
106	41.8	1.7	5152	4	US-10-204-708-73	Sequence 73, Appl	c 179	38.8	1.6	1279	4	US-09-457-037B-40	Sequence 40, Appl
107	41.6	1.7	6317	4	US-10-204-708-12	Sequence 12, Appl	c 180	38.8	1.6	1279	4	US-09-733-151-40	Sequence 40, Appl
108	41.6	1.7	6801	4	US-10-204-708-62	Sequence 62, Appl	c 181	38.8	1.6	1958	4	US-09-702-327-3	Sequence 3, Appl
109	41.4	1.7	832	4	US-09-621-976-2813	Sequence 2813, Ap	c 182	38.8	1.6	2223	1	US-08-257-073-4	Sequence 4, Appl
110	41.2	1.7	732	3	US-08-998-416-1036	Sequence 1036, Ap	c 183	38.8	1.6	6669	4	US-10-204-708-6	Sequence 6, Appl
111	41.2	1.7	18596	3	US-09-318-448-11	Sequence 11, Appl	c 184	38.8	1.6	392000	4	US-10-027-983-11	Sequence 11, Appl
112	41.2	1.7	18597	4	US-09-962-665-8	Sequence 8, Appl	c 185	38.6	1.6	489	4	US-09-621-976-2199	Sequence 2199, Ap
113	41.2	1.7	18597	4	US-09-963-333-8	Sequence 8, Appl	c 186	38.6	1.6	713	4	US-08-956-171E-1022	Sequence 1022, Ap
114	41	1.7	832	4	US-09-621-976-2813	Sequence 2813, Ap	c 187	38.6	1.6	998	3	US-09-122-400B-5	Sequence 5, Appl
115	41	1.7	3571	4	US-09-457-066-42	Sequence 42, Appl	c 188	38.6	1.6	5183	1	US-08-459-568-3	Sequence 3, Appl
116	41	1.7	3571	4	US-09-564-595D-34	Sequence 34, Appl	c 189	38.6	1.6	5183	2	US-08-399-411-3	Sequence 3, Appl
117	41	1.7	3571	4	US-09-706-968-42	Sequence 42, Appl	c 190	38.6	1.6	5868	4	US-08-516-859A-3	Sequence 3, Appl
118	41	1.7	3571	4	US-09-823-033-3	Sequence 3, Appl	c 191	38.6	1.6	5868	4	US-09-586-472-3	Sequence 3, Appl
119	41	1.7	4810	3	US-08-852-629-11	Sequence 11, Appl	c 192	38.6	1.6	5868	4	US-09-528-706-3	Sequence 3, Appl
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121	40.8	1.7	19124	2	US-08-487-826B-13	Sequence 13, Appl	c 194	38.4	1.6	621	4	US-10-107-532A-2313	Sequence 2313, Ap
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127	40.2	1.6	120	3	US-08-559-397A-8	Sequence 8, Appl	c 200	38.2	1.6	1361	4	US-09-232-197-20	Sequence 20, Appl
128	40.2	1.6	120	3	US-08-559-397A-8	Sequence 8, Appl	c 201	38.2	1.6	1361	4	US-09-232-201-20	Sequence 20, Appl
129	40.2	1.6	2479	4	US-09-907-794A-27	Sequence 27, Appl	c 202	38.2	1.6	1361	4	US-09-232-195-20	Sequence 20, Appl
130	40.2	1.6	2479	4	US-09-905-125A-27	Sequence 27, Appl	c 203	38.2	1.6	1361	4	US-09-232-195-20	Sequence 20, Appl
131	40.2	1.6	2479	4	US-09-902-775A-27	Sequence 27, Appl	c 204	38.2	1.6	1361	4	US-09-232-195-20	Sequence 20, Appl
132	40.2	1.6	5666	4	US-10-204-708-30	Sequence 30, Appl	c 205	38.2	1.6	1374	4	US-09-601-198-158	Sequence 158, App
133	40.2	1.6	5852	1	US-07-867-106-2	Sequence 2, Appl	c 206	38.2	1.6	2513	4	US-09-620-312D-337	Sequence 337, App
134	40.2	1.6	8654	1	US-08-920-812-6	Sequence 6, Appl	c 207	38.2	1.6	2885	3	US-09-232-200-36	Sequence 36, Appl
135	40.2	1.6	8654	1	US-08-920-827-6	Sequence 6, Appl	c 208	38.2	1.6	2885	3	US-09-232-200-56	Sequence 56, Appl
136	40.2	1.6	8654	1	US-08-921-177-6	Sequence 6, Appl	c 209	38.2	1.6	2885	4	US-09-232-197-36	Sequence 36, Appl
137	40.2	1.6	8654	1	US-08-362-577C-6	Sequence 6, Appl	c 210	38.2	1.6	2885	4	US-09-232-197-56	Sequence 56, Appl
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139	40.2	1.6	10467	4	US-10-204-708-2	Sequence 2, Appl	c 212	38.2	1.6	2885	4	US-09-232-201-56	Sequence 56, Appl
140	40.2	1.6	176373	3	US-09-128-155-17	Sequence 17, Appl	c 213	38.2	1.6	2885	4	US-09-232-195-36	Sequence 36, Appl
141	40	1.6	514	3	US-09-188-930-5	Sequence 5, Appl	c 214	38.2	1.6	2885	4	US-09-232-195-56	Sequence 56, Appl
142	40	1.6	514	4	US-09-312-283C-5	Sequence 5, Appl	c 215	38.2	1.6	2885	4	US-10-204-708-30	Sequence 30, Appl
143	40	1.6	576	4	US-09-489-039A-6914	Sequence 6914, Ap	c 216	38.2	1.6	5666	4	US-09-820-001-3	Sequence 3, Appl
144	40	1.6	636	3	US-08-998-416-1137	Sequence 1137, Ap	c 217	38.2	1.6	22067	4	US-09-798-096-10	Sequence 10, Appl
145	40	1.6	8961	4	US-10-204-708-80	Sequence 80, Appl	c 218	38.2	1.6	99500	4	US-09-539-333D-1	Sequence 1, Appl
146	39.8	1.6	412	4	US-09-833-381-1376	Sequence 1376, Ap	c 219	38.2	1.6	319608	4	US-09-679-409-1	Sequence 1, Appl
147	39.8	1.6	1282	1	US-08-211-942-16	Sequence 16, Appl	c 220	38.2	1.6	786431	4	US-09-751-389-3	Sequence 3, Appl
148	39.8	1.6	6040	4	US-10-204-708-70	Sequence 70, Appl	c 221	38.2	1.6	1664376	4	US-08-916-421B-1	Sequence 1, Appl
149	39.8	1.6	20674	4	US-09-641-638-651	Sequence 651, App	c 222	38.2	1.6	1501	4	US-09-457-037B-30	Sequence 30, Appl
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151	39.6	1.6	1001	4	US-09-671-317-439	Sequence 439, App	c 224	38	1.5	1548	4	US-09-453-702B-86	Sequence 86, Appl
152	39.6	1.6	2188	1	US-07-865-662F-10	Sequence 10, Appl	c 225	38	1.5	2478	4	US-09-601-198-52	Sequence 52, Appl
153	39.6	1.6	2188	3	US-08-374-219B-10	Sequence 10, Appl	c 226	38	1.5	2707	3	US-09-121-964-2	Sequence 2, Appl
154	39.6	1.6	5152	4	US-10-204-708-73	Sequence 73, Appl	c 227	38	1.5	3763	1	US-07-792-865D-1	Sequence 1, Appl
155	39.6	1.6	6583	4	US-10-204-708-26	Sequence 26, Appl	c 228	38	1.5	6040	4	US-10-204-708-70	Sequence 70, Appl
156	39.4	1.6	3573	3	US-09-353-585-4	Sequence 4, Appl	c 229	38	1.5	6265	3	US-09-129-112-3	Sequence 3, Appl
157	39.4	1.6	6471	3	US-09-353-585-1	Sequence 1, Appl	c 230	38	1.5	8050	3	US-09-491-362-11	Sequence 11, Appl
158	39.4	1.6	6866	4	US-10-204-708-20	Sequence 20, Appl	c 231	38	1.5	8093	4	US-09-874-562-11	Sequence 32, Appl
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165	39	1.6	711	4	US-09-601-198-11	Sequence 11, App	c 238	37.8	1.5	447	4	US-09-671-325-1634	Sequence 81, Appl
166	39	1.6	1104	1	US-08-307-499-57	Sequence 57, Appl	c 239	37.8	1.5	447	4	US-09-222-575-81	Sequence 81, Appl
167	39	1.6	1104	3	US-09-298-268-57	Sequence 57, Appl	c 240	37.8	1.5	647	4	US-09-389-681-81	Sequence 81, Appl
168	39	1.6	2255	2	US-08-741-134-1	Sequence 1, Appl	c 241	37.8	1.5	647	4	US-09-620-405B-81	Sequence 81, Appl
169	39	1.6	2570	3	US-09-056-075-2	Sequence 2, Appl	c 242	37.8	1.5	647	4	US-09-339-338-81	Sequence 81, Appl
170	39	1.6	4758	3	US-09-191-647-1	Sequence 1, Appl	c 243	37.8	1.5	647	4	US-09-433-826B-81	Sequence 81, Appl
171	39	1.6	4758	3	US-09-540-245A-1	Sequence 1, Appl	c 244	37.8	1.5	647	4	US-09-604-287A-81	Sequence 81, Appl
172	39	1.6	4758	3	US-09-540-153-1	Sequence 3, Appl	c 245	37.8	1.5	647	4		
173	39	1.6	6265	4	US-09-129-112-3	Sequence 3, Appl	c 246	37.8	1.5	647	4		

C 247	37.8	1.5	647	4	US-09-285-480-81	Sequence 81, Appl	320	37	1.5	1614	4	US-09-616-289-45	Sequence 45, Appl
C 248	37.8	1.5	647	4	US-09-834-759-81	Sequence 81, Appl	321	37	1.5	3006	4	US-09-762-724-3	Sequence 3, Appl
C 249	37.8	1.5	658	3	US-08-998-416-595	Sequence 595, Appl	322	37	1.5	4418	4	US-09-976-594-773	Sequence 773, Appl
C 250	37.8	1.5	1128	4	US-09-134-001C-2652	Sequence 2652, Appl	323	37	1.5	6182	4	US-10-204-708-88	Sequence 88, Appl
C 251	37.8	1.5	1143	4	US-09-016-434-1460	Sequence 1460, Appl	324	37	1.5	11131	4	US-10-204-708-27	Sequence 27, Appl
C 252	37.8	1.5	1183	1	US-08-188-582-25	Sequence 25, Appl	325	37	1.5	12425	4	US-09-616-289-50	Sequence 50, Appl
C 253	37.8	1.5	1183	1	US-08-646-715-25	Sequence 25, Appl	326	37	1.5	19513	4	US-10-204-708-40	Sequence 40, Appl
C 254	37.8	1.5	1401	4	US-09-134-001C-518	Sequence 518, Appl	327	37	1.5	26000	4	US-09-843-376-10	Sequence 10, Appl
C 255	37.8	1.5	2710	4	US-09-800-729-16	Sequence 16, Appl	328	37	1.5	98844	4	US-09-791-211-10	Sequence 10, Appl
C 256	37.8	1.5	2728	4	US-09-232-160-1	Sequence 1, Appl	C 329	37	1.5	1830121	4	US-09-557-884-1	Sequence 1, Appl
C 257	37.8	1.5	2752	4	US-09-800-729-50	Sequence 50, Appl	C 330	37	1.5	1830121	4	US-09-643-990A-1	Sequence 1, Appl
C 258	37.8	1.5	3541	3	US-09-180-439-5	Sequence 5, Appl	C 331	36.8	1.5	741	3	US-09-107-532A-148	Sequence 1448, Appl
C 259	37.8	1.5	3543	3	US-09-224-024-27	Sequence 27, Appl	C 332	36.8	1.5	767	3	US-08-998-416-472	Sequence 472, Appl
C 260	37.8	1.5	3543	5	PCT-US94-07900A-27	Sequence 27, Appl	C 333	36.8	1.5	863	4	US-09-149-476-153	Sequence 153, Appl
C 261	37.8	1.5	3704	2	US-09-014-969-20	Sequence 20, Appl	C 334	36.8	1.5	1075	4	US-09-663-600A-173	Sequence 173, Appl
C 262	37.8	1.5	3979	3	US-09-180-439-1	Sequence 1, Appl	C 335	36.8	1.5	1166	4	US-09-663-600A-79	Sequence 79, Appl
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C 264	37.8	1.5	4093	4	US-08-956-171E-108	Sequence 108, Appl	C 337	36.8	1.5	1275	1	US-08-552-142A-3	Sequence 3, Appl
C 265	37.8	1.5	4123	3	US-09-180-439-7	Sequence 7, Appl	C 338	36.8	1.5	1275	1	US-08-910-973-3	Sequence 3, Appl
C 266	37.8	1.5	6182	4	US-10-204-708-87	Sequence 87, Appl	C 339	36.8	1.5	1275	4	US-09-499-227-3	Sequence 3, Appl
C 267	37.8	1.5	7786	4	US-09-730-988-2	Sequence 2, Appl	C 340	36.8	1.5	1275	5	PCT-US95-05741-3	Sequence 4, Appl
C 268	37.6	1.5	651	4	US-09-702-705-1789	Sequence 1789, Appl	C 341	36.8	1.5	2663	4	US-09-533-029-47	Sequence 139, Appl
C 269	37.6	1.5	651	4	US-09-736-457-1789	Sequence 1789, Appl	C 342	36.8	1.5	3001	4	US-09-539-333D-139	Sequence 1, Appl
C 270	37.6	1.5	651	4	US-09-671-325-1789	Sequence 1789, Appl	C 343	36.8	1.5	3489	2	US-08-728-223A-1	Sequence 1, Appl
C 271	37.6	1.5	840	4	US-09-328-352-883	Sequence 883, Appl	C 344	36.8	1.5	3489	4	US-09-298-568-1	Sequence 1, Appl
C 272	37.6	1.5	1818	4	US-09-357-206A-6	Sequence 6, Appl	C 345	36.8	1.5	3489	4	US-09-410-399-1	Sequence 1, Appl
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C 274	37.6	1.5	2736	4	US-09-220-132-66	Sequence 66, Appl	C 347	36.8	1.5	7244	3	US-08-378-313-26	Sequence 26, Appl
C 275	37.6	1.5	5253	4	US-09-357-206A-16	Sequence 16, Appl	C 348	36.8	1.5	7304	4	US-10-204-708-43	Sequence 43, Appl
C 276	37.6	1.5	5483	4	US-09-357-206A-17	Sequence 17, Appl	C 349	36.8	1.5	11049	2	US-10-204-708-21	Sequence 21, Appl
C 277	37.6	1.5	5535	4	US-10-204-708-18	Sequence 18, Appl	C 350	36.8	1.5	32207	3	US-08-770-379-20	Sequence 20, Appl
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C 280	37.6	1.5	6095	4	US-09-357-206A-18	Sequence 18, Appl	C 353	36.8	1.5	162450	4	US-09-345-882-1	Sequence 3, Appl
C 281	37.6	1.5	6182	4	US-10-204-708-87	Sequence 87, Appl	C 354	36.8	1.5	174493	4	US-09-804-471A-3	Sequence 3, Appl
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C 299	37.4	1.5	58407	4	US-08-916-421B-2	Sequence 2, Appl	C 372	36.6	1.5	9347	4	US-10-204-708-35	Sequence 20, Appl
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-FGAPEXT=7 -YGAPOP=10 -YGAPEXT=0.5 -DELOP=6 -DELEXT=7

Database : Issued Patents NA:
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6: /cgn2_6/prodata/2/ina/backfiles1.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1992	100.0	2454	4	US-09-866-028-1
2	1799	90.3	2305	4	US-09-724-864-8
3	1020	51.2	1685	6	5340934-1
4	949	47.6	1026	1	US-08-272-919-1
5	949	47.6	1026	1	US-08-619-916-1
6	949	47.6	1026	5	PCT-US95-08542-1
7	948	47.6	4167	4	US-09-169-768-12
8	947	47.5	1002	1	US-08-442-063A-26
9	907	45.5	1593	6	5340934-3
10	847	42.5	924	1	US-08-442-063A-47
11	776	39.0	849	1	US-08-442-063A-44
12	616	30.9	711	1	US-08-442-063A-41

Sequence 38, Appl	US-08-442-063A-38	1	567	24.7	493	13
Sequence 35, Appl	US-08-442-063A-35	1	426	19.3	384.5	14
Sequence 372, App	US-09-312-283C-372	1	5583	17.1	340.5	15
Sequence 228, App	US-09-188-930-228	3	2296	16.9	336	16
Sequence 228, App	US-09-312-283C-228	3	2296	16.9	336	17
Sequence 1, Appli	US-09-191-647-1	3	4758	16.9	336	18
Sequence 1, Appli	US-09-540-245A-1	3	4758	16.9	336	19
Sequence 310, App	US-09-907-794A-310	4	3296	16.5	329	20
Sequence 310, App	US-09-905-125A-310	4	3296	16.5	329	21
Sequence 310, App	US-09-902-775A-310	4	3296	16.5	329	22
Sequence 169, App	US-09-484-570B-169	4	3083	15.9	317	23
Sequence 1, Appli	PCT-US91-09055-1	5	3878	15.9	316	24
Sequence 27, Appl	US-09-907-794A-27	4	2479	15.7	313.5	25
Sequence 27, Appl	US-09-905-125A-27	4	2479	15.7	313.5	26
Sequence 1, Appli	US-09-902-775A-27	4	2479	15.7	313.5	27
Sequence 206, App	US-09-182-024A-1	4	5176	15.5	309	28
Sequence 4, Appli	US-09-385-982-206	3	633	13.5	269	29
Sequence 350, App	US-09-131-648-4	3	2290	13.2	262	30
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Sequence 68, Appl	US-09-907-794A-68	4	2639	13.2	262	32
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Sequence 1, Appli	US-09-902-775A-68	4	2639	13.2	262	34
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Sequence 244, App	US-09-905-125A-244	4	3679	12.7	253.5	44
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Sequence 73, Appl	US-09-389-681-73	4	301	12.2	242.5	49
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Sequence 73, Appl	US-09-339-338-73	4	301	12.2	242.5	51
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	110	184.5	9.3	447	4	US-09-671-325-1634	Sequence 1634, Ap	183	134	6.7	330	4	US-09-833-381-1379	Sequence 1, Appli
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241	108.5	5.4	4599	4	US-08-910-731-3	Sequence 3, Appli	314	4.9	1258	4	US-09-417-381A-6	Sequence 6, Appli
242	108	5.4	851	4	US-09-345-294-27	Sequence 27, Appl	315	4.9	1258	4	US-09-620-312D-480	Sequence 480, App
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244	108	5.4	1858	2	US-08-286-846A-7	Sequence 7, Appli	317	4.9	1258	4	US-09-461-657B-16	Sequence 16, Appl
245	108	5.4	1858	2	US-08-457-880A-7	Sequence 7, Appli	318	4.9	1258	4	US-09-461-657B-16	Sequence 16, Appl
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253	108	5.4	2715	3	US-08-444-622A-5	Sequence 5, Appli	326	4.9	1258	4	US-08-956-171E-358	Sequence 571, App
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256	107.5	5.4	465	4	US-09-833-381-555	Sequence 555, App	329	4.9	1258	4	US-09-004-838-21	Sequence 21, Appl
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258	107.5	5.4	1664976	4	US-08-916-421B-1	Sequence 1, Appli	331	4.9	1258	4	US-09-107-532A-305	Sequence 305, App
259	107	5.4	817	4	US-09-833-381-1377	Sequence 1377, Ap	332	4.9	1258	4	US-09-665-189A-73	Sequence 73, Appl
260	107	5.4	1001	4	US-09-461-325-65	Sequence 65, Appl	333	4.9	1258	4	US-09-221-017B-373	Sequence 373, App
261	107	5.4	1001	4	US-10-012-542-65	Sequence 65, Appl	334	4.9	1258	4	US-09-313-294A-3736	Sequence 3736, Ap
262	107	5.4	3097	4	US-09-228-986-11	Sequence 11, Appl	335	4.9	1258	4	5340934-7	Patent No. 5340934
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396	93	4.7	2859	4	US-09-207-359B-9	Sequence 9, Appl	469	90	4.5	13807	4	US-09-052-262-5	Sequence 5, Appl
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8	949	47.6	342	1	US-08-272-919-2
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15	616	30.9	236	1	US-08-442-063A-42
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19	342.5	17.2	375	3	US-08-458-834-2
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21	336	16.9	1525	3	US-09-191-647-2
22	336	16.9	1525	3	US-09-540-245A-2
23	336	16.9	1525	3	US-09-540-153-2
24	334.5	16.8	649	3	US-09-188-930-305
25	334.5	16.8	649	3	US-09-312-283C-305
26	318	16.0	376	1	US-08-303-238-1
27	318	16.0	376	3	US-08-458-834-1

101	183.5	9.2	224	4	US-09-482-273-174	Sequence 174, App	174	125	6.3	699	4	US-09-461-657B-2	Sequence 2, Appli
102	182.5	9.2	538	4	US-09-866-028-69	Sequence 69, Appli	175	124.5	6.2	1053	4	US-09-513-505-8	Sequence 8, Appli
103	181	9.1	746	5	PCT-US95-10509-2	Sequence 2, Appli	176	134	6.2	1053	4	US-09-513-505-6	Sequence 6, Appli
104	180.5	9.1	696	4	US-09-907-794A-91	Sequence 91, Appli	177	123.5	6.2	1139	4	US-09-134-005-2	Sequence 2, Appli
105	180.5	9.1	696	4	US-09-905-125A-91	Sequence 91, Appli	178	122.5	6.1	1139	4	US-09-513-505-4	Sequence 4, Appli
106	180.5	9.1	696	4	US-09-902-775A-91	Sequence 91, Appli	179	122.5	6.1	1139	4	US-09-513-505-4	Sequence 4, Appli
107	177	8.9	196	5	PCT-US91-05055-5	Sequence 5, Appli	180	122	6.1	1115	4	US-09-621-976-4266	Sequence 4266, App
108	175.5	8.8	661	1	US-08-514-014-4	Sequence 4, Appli	181	122	6.1	523	2	US-08-473-553A-6	Sequence 6, Appli
109	175.5	8.8	661	1	US-08-833-823-4	Sequence 4, Appli	182	122	6.1	985	2	US-08-473-553A-2	Sequence 2, Appli
110	175	8.8	1112	3	US-09-353-585-2	Sequence 2, Appli	183	122	6.1	985	2	US-08-473-553A-6	Sequence 6, Appli
111	173	8.7	55	1	US-08-442-063A-57	Sequence 57, Appli	184	121	6.1	596	4	US-09-752-165-2	Sequence 17, Appli
112	172	8.6	1112	3	US-09-353-585-3	Sequence 3, Appli	185	120.5	6.0	227	1	US-08-244-646-17	Sequence 3, Appli
113	170.5	8.6	110	3	US-09-188-930-124	Sequence 124, App	186	118	5.9	700	3	US-07-757-342D-3	Sequence 3, Appli
114	170.5	8.6	110	3	US-09-312-283C-124	Sequence 124, App	187	118	5.9	700	3	US-09-461-657B-3	Sequence 3, Appli
115	170.5	8.6	110	3	US-08-945-983-2	Sequence 2, Appli	188	117.5	5.9	327	4	US-09-513-505-14	Sequence 14, Appli
116	169	8.5	1016	3	US-09-180-439-8	Sequence 8, Appli	189	116.5	5.8	196	5	PCT-US91-09055-8	Sequence 8, Appli
117	168	8.4	784	4	US-09-982-308B-23	Sequence 23, Appli	190	115.5	5.8	680	4	US-09-328-986-69	Sequence 69, Appli
118	168	8.4	968	3	US-09-180-439-3	Sequence 3, Appli	191	115	5.8	359	4	US-09-842-164A-4	Sequence 4, Appli
119	168	8.4	968	3	US-09-180-439-4	Sequence 4, Appli	192	114	5.7	696	3	US-07-757-342D-4	Sequence 4, Appli
120	166.5	8.4	134	3	US-09-191-647-12	Sequence 12, Appli	193	114	5.7	696	3	US-09-461-657B-4	Sequence 4, Appli
121	166.5	8.4	134	3	US-09-540-245A-12	Sequence 12, Appli	194	112.5	5.6	711	4	US-09-228-986-79	Sequence 79, Appli
122	166.5	8.4	134	3	US-09-540-153-12	Sequence 12, Appli	195	112	5.6	327	1	US-08-238-163-4	Sequence 4, Appli
123	163	8.2	55	1	US-08-442-063A-60	Sequence 60, Appli	196	111.5	5.6	1504	4	US-09-364-206-2	Sequence 2, Appli
124	163	8.2	799	3	US-09-180-439-6	Sequence 6, Appli	197	110.5	5.5	456	2	US-08-910-731-4	Sequence 4, Appli
125	161.5	8.1	1012	2	US-08-475-891A-4	Sequence 4, Appli	198	110.5	5.5	456	2	US-08-910-731-8	Sequence 8, Appli
126	161.5	8.1	1025	2	US-08-567-375-4	Sequence 4, Appli	199	110.5	5.5	456	2	US-08-795-395-4	Sequence 71, Appli
127	161.5	8.1	1025	2	US-08-587-680A-4	Sequence 4, Appli	200	109	5.5	630	4	US-09-228-986-71	Sequence 29, Appli
128	161	8.1	692	3	US-07-757-342D-6	Sequence 6, Appli	201	109	5.5	428	1	US-08-190-802A-29	Sequence 29, Appli
129	161	8.1	692	3	US-09-461-657B-6	Sequence 6, Appli	202	109	5.5	428	1	US-08-477-346-29	Sequence 29, Appli
130	160	8.0	501	4	US-09-907-794A-185	Sequence 185, App	203	109	5.5	428	4	US-08-473-089-29	Sequence 29, Appli
131	160	8.0	501	4	US-09-905-125A-185	Sequence 185, App	204	109	5.5	428	4	US-08-487-072A-29	Sequence 29, Appli
132	160	8.0	501	4	US-09-902-775A-185	Sequence 185, App	205	109	5.5	850	1	US-08-286-305A-7	Sequence 7, Appli
133	160	8.0	863	2	US-08-666-271-2	Sequence 2, Appli	206	109	5.5	850	2	US-08-441-104A-7	Sequence 7, Appli
134	159	8.0	735	3	US-09-191-647-9	Sequence 9, Appli	207	109	5.5	850	2	US-08-440-816A-7	Sequence 7, Appli
135	159	8.0	735	3	US-09-540-245A-9	Sequence 9, Appli	208	109	5.5	850	2	US-09-417-381A-7	Sequence 7, Appli
136	159	8.0	735	3	US-09-540-153-9	Sequence 9, Appli	209	108.5	5.4	1085	1	US-08-431-080-28	Sequence 28, Appli
137	156	7.8	999	2	US-08-473-553A-5	Sequence 5, Appli	210	108.5	5.4	1085	2	US-08-938-534-28	Sequence 28, Appli
138	156	7.5	947	4	US-09-228-986-73	Sequence 73, Appli	211	108.5	5.4	1085	4	US-09-345-234-28	Sequence 28, Appli
139	149	7.5	1023	2	US-08-475-891A-2	Sequence 2, Appli	212	107.5	5.4	707	4	US-09-228-986-80	Sequence 80, Appli
140	149	7.5	1023	2	US-08-567-375-2	Sequence 2, Appli	213	107	5.4	903	4	US-09-228-986-78	Sequence 78, Appli
141	149	7.5	1023	2	US-08-587-680A-2	Sequence 2, Appli	214	106	5.3	825	1	US-07-912-952-2	Sequence 2, Appli
142	147.5	7.4	910	4	US-09-228-986-72	Sequence 72, Appli	215	105	5.3	443	2	US-09-543-681A-4991	Sequence 4991, App
143	145.5	7.3	1196	3	US-08-881-706-2	Sequence 2, Appli	216	105	5.3	612	2	US-08-359-705B-8	Sequence 8, Appli
144	143.5	7.2	155	3	US-09-191-647-8	Sequence 8, Appli	217	105	5.3	612	2	US-08-286-846A-8	Sequence 8, Appli
145	143.5	7.2	155	3	US-09-540-245A-8	Sequence 8, Appli	218	105	5.3	612	2	US-08-457-880A-8	Sequence 8, Appli
146	143.5	7.2	155	3	US-09-540-153-8	Sequence 8, Appli	219	105	5.3	612	3	US-08-444-622A-8	Sequence 8, Appli
147	142.5	7.2	105	3	US-09-191-647-3	Sequence 3, Appli	220	105	5.3	612	3	US-08-942-562-8	Sequence 8, Appli
148	142.5	7.2	105	3	US-09-540-245A-3	Sequence 3, Appli	221	105	5.3	612	3	US-09-156-923-8	Sequence 8, Appli
149	142.5	7.2	105	3	US-09-540-153-3	Sequence 3, Appli	222	105	5.3	839	2	US-08-359-705B-6	Sequence 6, Appli
150	140.5	7.1	390	1	US-08-460-576-2	Sequence 2, Appli	223	105	5.3	839	2	US-08-286-846A-6	Sequence 6, Appli
151	140.5	7.1	695	1	US-08-487-886-2	Sequence 2, Appli	224	105	5.3	839	2	US-08-457-880A-6	Sequence 6, Appli
152	140.5	7.1	695	3	US-08-482-855-2	Sequence 2, Appli	225	105	5.3	839	3	US-08-444-622A-6	Sequence 6, Appli
153	140.5	7.1	695	4	US-08-474-986-2	Sequence 2, Appli	226	105	5.3	839	3	US-08-942-562-6	Sequence 6, Appli
154	138	6.9	546	4	US-09-907-794A-250	Sequence 250, App	227	105	5.3	2391	2	US-09-156-923-6	Sequence 2, Appli
155	138	6.9	546	4	US-09-905-125A-250	Sequence 250, App	228	105	5.3	2391	3	US-08-446-855A-2	Sequence 2, Appli
156	138	6.9	546	4	US-09-902-775A-250	Sequence 250, App	229	105	5.3	2391	3	US-09-150-741-2	Sequence 186, App
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160	135	6.8	968	4	US-09-228-986-76	Sequence 76, Appli	233	104	5.2	620	3	US-09-126-646-2	Sequence 2, Appli
161	134.5	6.8	644	2	US-08-866-757-2	Sequence 2, Appli	234	104	5.2	620	4	US-09-421-491-2	Sequence 2, Appli
162	134.5	6.8	644	3	US-09-153-593-2	Sequence 2, Appli	235	103.5	5.2	723	4	US-09-434-408-2	Sequence 2, Appli
163	129.5	6.5	1248	4	US-10-042-810-2	Sequence 4, Appli	236	103.5	5.2	723	4	US-08-238-163-2	Sequence 54, Appli
164	129.5	6.5	1278	4	US-10-042-810-4	Sequence 4, Appli	237	103	5.2	330	1	US-07-741-453A-54	Sequence 54, Appli
165	128	6.4	740	1	US-08-257-073-5	Sequence 5, Appli	238	102.5	5.1	764	3	US-07-741-453A-58	Sequence 58, Appli
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168	125.5	6.3	342	2	US-09-111-573-21	Sequence 21, Appli	241	102	5.1	461	2	US-08-910-731-6	Sequence 6, Appli
169	125.5	6.3	716	4	US-09-312-283C-183	Sequence 183, App	242	101	5.1	172	1	US-08-318-947A-11	Sequence 11, Appli
170	125.5	6.3	771	3	US-09-188-930-183	Sequence 183, App	243	101	5.1	172	1	US-08-910-731-11	Sequence 11, Appli
171	125	6.3	674	3	US-09-757-342D-10	Sequence 10, Appli	244	101	5.1	172	2	US-08-795-303-11	Sequence 11, Appli
172	125	6.3	674	4	US-09-461-657B-10	Sequence 10, Appli	245	101	5.1	172	3	US-09-358-580-14	Sequence 14, Appli
173	125	6.3	699	3	US-07-757-342D-2	Sequence 2, Appli	246	101	5.1	655	4	US-09-228-986-70	Sequence 70, Appli

247	101	5.1	1434	4	US-10-080-505-9	Sequence 9, Appli	320	93	4.7	739	3	US-09-022-983-2	Sequence 2, Appli
248	100.5	5.0	456	2	US-08-910-731-2	Sequence 2, Appli	321	93	4.7	907	3	US-08-930-996A-7	Sequence 7, Appli
249	100.5	5.0	456	2	US-08-795-395-2	Sequence 2, Appli	322	93	4.7	953	4	US-09-099-041A-8	Sequence 8, Appli
250	99.5	5.0	536	4	US-09-252-991A-31124	Sequence 31124, A	323	93	4.7	953	4	US-09-245-281-8	Sequence 8, Appli
251	99	5.0	1366	4	US-09-004-838-22	Sequence 22, Appli	324	93	4.7	953	4	US-09-207-359B-8	Sequence 8, Appli
252	99	5.0	1890	4	US-09-004-838-88	Sequence 88, Appli	325	93	4.7	953	4	US-09-340-620A-8	Sequence 8, Appli
253	98.5	4.9	764	3	US-07-757-342D-5	Sequence 5, Appli	326	93	4.7	953	4	US-09-865-364-8	Sequence 8, Appli
254	98.5	4.9	764	3	US-07-741-453A-59	Sequence 59, Appli	327	93	4.7	4536	4	US-09-180-422B-27	Sequence 27, Appli
255	98.5	4.9	764	3	US-07-741-453A-61	Sequence 61, Appli	328	93	4.7	4536	4	US-09-079-030-1	Sequence 1, Appli
256	98.5	4.9	764	3	US-09-461-657B-5	Sequence 5, Appli	329	93	4.7	4536	4	US-09-108-006C-1	Sequence 1, Appli
257	98	4.9	418	1	US-08-224-930-4	Sequence 4, Appli	330	92.5	4.6	131	2	US-08-621-976-4786	Sequence 4, Appli
258	98	4.9	418	3	US-08-908-436-6	Sequence 6, Appli	331	92.5	4.6	1074	4	US-08-427-396A-4	Sequence 4, Appli
259	98	4.9	418	4	US-09-227-721-18	Sequence 18, Appli	332	92.5	4.6	3135	1	US-08-323-170B-2	Sequence 2, Appli
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261	98	4.9	418	4	US-09-954-697-18	Sequence 18, Appli	334	92.5	4.6	657	4	US-09-543-681A-4778	Sequence 4, Appli
262	98	4.9	795	3	US-07-741-453A-55	Sequence 55, Appli	335	92	4.6	1222	4	US-09-004-838-111	Sequence 11, App
263	98	4.9	847	1	US-08-286-305A-5	Sequence 5, Appli	336	92	4.6	639	4	US-10-164-595-44	Sequence 4, Appli
264	98	4.9	847	2	US-08-441-104A-5	Sequence 5, Appli	337	91.5	4.6	639	4	US-08-930-996A-2	Sequence 2, Appli
265	98	4.9	847	2	US-08-440-816A-5	Sequence 5, Appli	338	91.5	4.6	1220	3	US-08-431-080-46	Sequence 26, Appli
266	98	4.9	847	3	US-09-417-381A-5	Sequence 47, Appli	339	91	4.6	226	2	US-08-345-294-26	Sequence 26, Appli
267	98	4.9	966	4	US-09-207-359B-47	Sequence 47, Appli	340	91	4.6	226	2	US-09-004-838-40	Sequence 40, Appli
268	98	4.9	966	4	US-09-865-364-47	Sequence 35, Appli	341	91	4.6	472	4	US-07-741-453A-56	Sequence 56, Appli
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272	97	4.9	611	3	US-07-461-657B-8	Sequence 7, Appli	345	91	4.6	1143	5	PCT-US95-04589-108	Sequence 4, Appli
273	97	4.9	636	3	US-07-757-342D-7	Sequence 7, Appli	346	91	4.6	1144	1	US-08-261-663A-2	Sequence 4, Appli
274	97	4.9	636	4	US-09-461-657B-7	Sequence 7, Appli	347	91	4.6	1144	1	US-08-261-663A-4	Sequence 4, Appli
275	97	4.9	758	4	US-09-134-001C-4588	Sequence 4588, Ap	348	91	4.6	1144	3	US-08-930-996A-9	Sequence 3, Appli
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277	96.5	4.8	47	1	US-08-442-063A-30	Sequence 30, Appli	350	91	4.6	1144	4	US-09-813-742A-3	Sequence 3, Appli
278	96.5	4.8	305	4	US-09-107-532A-4225	Sequence 4225, Ap	351	91	4.6	1144	5	PCT-US95-07754A-2	Sequence 4, Appli
279	96.5	4.8	632	4	US-09-489-039A-9199	Sequence 9199, Ap	352	91	4.6	1144	5	PCT-US95-07754A-2	Sequence 4, Appli
280	96	4.8	866	4	US-09-134-001C-4930	Sequence 4930, Ap	353	91	4.6	1209	5	PCT-US95-04589-107	Sequence 107, App
281	96	4.8	1221	4	US-09-107-532A-3959	Sequence 3959, Ap	354	91	4.6	1258	2	US-08-310-912A-107	Sequence 107, App
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285	95	4.8	764	3	US-09-177-431-4	Sequence 4, Appli	358	91	4.6	1279	4	US-09-641-807A-2	Sequence 2, Appli
286	95	4.8	764	3	PCT-US95-16930-4	Sequence 4, Appli	359	91	4.6	1279	4	US-09-723-096-2	Sequence 2, Appli
287	95	4.8	1089	1	US-08-375-300-2	Sequence 2, Appli	360	91	4.6	1294	3	US-08-930-996A-10	Sequence 10, Appli
288	95	4.8	1089	3	US-09-177-431-2	Sequence 2, Appli	361	90.5	4.5	162	4	US-07-879-685B-4	Sequence 4, Appli
289	95	4.8	1089	5	PCT-US95-16930-2	Sequence 2, Appli	362	90.5	4.5	318	4	US-09-328-352-4795	Sequence 47, Appli
290	95	4.8	2285	4	US-09-308-375-2	Sequence 2, Appli	363	90.5	4.5	645	2	US-08-592-126-144	Sequence 144, App
291	94.5	4.7	366	3	US-08-746-883-6	Sequence 6, Appli	364	90.5	4.5	645	2	US-08-687-080-47	Sequence 47, Appli
292	94.5	4.7	366	4	US-09-313-177-6	Sequence 6, Appli	365	90.5	4.5	645	4	US-09-168-595-144	Sequence 144, App
293	94.5	4.7	373	3	US-08-746-883-4	Sequence 4, Appli	366	90.5	4.5	659	4	US-09-228-986-75	Sequence 75, Appli
294	94.5	4.7	373	4	US-09-313-177-4	Sequence 4, Appli	367	90.5	4.5	1121	4	US-09-489-039A-7851	Sequence 7851, Ap
295	94.5	4.7	483	4	US-09-904-615-154	Sequence 154, App	368	90.5	4.5	1312	2	US-08-592-126-148	Sequence 148, App
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297	94.5	4.7	1140	4	US-09-650-855-21	Sequence 21, Appli	370	90.5	4.5	1312	4	US-09-168-595-148	Sequence 148, App
298	94	4.7	311	4	US-09-134-001C-4235	Sequence 4235, Ap	371	90.5	4.5	1854	4	US-09-004-838-108	Sequence 108, App
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300	94	4.7	418	4	US-08-359-705B-4	Sequence 4, Appli	373	90	4.5	486	4	US-09-328-352-6315	Sequence 6315, Ap
301	94	4.7	477	2	US-08-286-846A-4	Sequence 4, Appli	374	90	4.5	4302	3	US-08-658-136-5	Sequence 5, Appli
302	94	4.7	477	2	US-08-457-880A-4	Sequence 4, Appli	375	90	4.5	4302	4	US-09-052-469-8	Sequence 8, Appli
303	94	4.7	477	3	US-08-444-622A-4	Sequence 4, Appli	376	90	4.5	4302	4	US-08-422-582-8	Sequence 8, Appli
304	94	4.7	477	3	US-08-942-562-4	Sequence 4, Appli	377	90	4.5	4339	4	US-09-052-469-6	Sequence 6, Appli
305	94	4.7	477	3	US-09-156-923-4	Sequence 4, Appli	378	90	4.5	4339	4	US-08-422-582-6	Sequence 6, Appli
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Search completed: June 29, 2004, 12:03:28
Job time : 55 secs

GenCore version 5.1.6
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OM protein - nucleic search, using frame_plus_p2n model

Run on: June 29, 2004, 20:27:15 ; Search time 459 Seconds
(without alignments)
3796.111 Million cell updates/sec

Title: US-09-944-884-2
Perfect score: 1992
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Scoring table: BLOSUM62
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Ygapop 10.0 , Ygapext 0.5
Fgapop 6.0 , Fgapext 7.0
Delop 6.0 , Delext 7.0

Searched: 3031105 seqs, 2298700234 residues

Total number of hits satisfying chosen parameters: 6062210

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 500 summaries

Command line parameters:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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221	1992	100.0	2454	15	US-10-146-795-327	Sequence 327, App	294	1992	100.0	2454	15	US-10-145-824-327	Sequence 327, App
222	1992	100.0	2454	15	US-10-147-495-327	Sequence 327, App	295	1992	100.0	2454	15	US-10-145-827-327	Sequence 327, App
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Job time : 466 secs

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4	2454	100.0	2454	15	US-10-147-500-327	Sequence 327, App	162	2454	100.0	2454	15	US-10-127-841A-327	Sequence 327, App
5	2454	100.0	2454	15	US-10-147-502-327	Sequence 327, App	163	2454	100.0	2454	15	US-10-127-844A-327	Sequence 327, App
6	2454	100.0	2454	15	US-10-147-515-327	Sequence 327, App	164	2454	100.0	2454	15	US-10-128-687A-327	Sequence 327, App
7	2454	100.0	2454	15	US-10-147-517-327	Sequence 327, App	165	2454	100.0	2454	15	US-10-128-688A-327	Sequence 327, App
8	2454	100.0	2454	15	US-10-147-528-327	Sequence 327, App	166	2454	100.0	2454	15	US-10-128-689A-327	Sequence 327, App
9	2454	100.0	2454	15	US-10-147-529-327	Sequence 327, App	167	2454	100.0	2454	15	US-10-128-694A-327	Sequence 327, App
10	2454	100.0	2454	15	US-10-121-041-327	Sequence 327, App	168	2454	100.0	2454	15	US-10-131-825A-327	Sequence 327, App
11	2454	100.0	2454	15	US-10-121-043-327	Sequence 327, App	169	2454	100.0	2454	15	US-10-230-417-327	Sequence 327, App
12	2454	100.0	2454	15	US-10-121-047-327	Sequence 327, App	170	2454	100.0	2454	15	US-10-131-815A-327	Sequence 327, App
13	2454	100.0	2454	15	US-10-123-215-327	Sequence 327, App	171	2454	100.0	2454	15	US-10-131-817A-327	Sequence 327, App
14	2454	100.0	2454	15	US-10-123-902-327	Sequence 327, App	172	2454	100.0	2454	15	US-10-131-821A-327	Sequence 327, App
15	2454	100.0	2454	15	US-10-123-908-327	Sequence 327, App	173	2454	100.0	2454	15	US-10-131-822A-327	Sequence 327, App
16	2454	100.0	2454	15	US-10-123-909-327	Sequence 327, App	174	2454	100.0	2454	15	US-10-131-828A-327	Sequence 327, App
17	2454	100.0	2454	15	US-10-123-910-327	Sequence 327, App	175	2454	100.0	2454	15	US-10-131-835A-327	Sequence 327, App
18	2454	100.0	2454	15	US-10-124-813-327	Sequence 327, App	176	2454	100.0	2454	15	US-10-137-864A-327	Sequence 327, App
19	2454	100.0	2454	15	US-10-124-817-327	Sequence 327, App	177	2454	100.0	2454	15	US-10-137-869A-327	Sequence 327, App
20	2454	100.0	2454	15	US-10-125-922-327	Sequence 327, App	178	2454	100.0	2454	15	US-10-147-523-327	Sequence 327, App
21	2454	100.0	2454	15	US-10-125-924-327	Sequence 327, App	179	2454	100.0	2454	15	US-10-158-785-327	Sequence 327, App
22	2454	100.0	2454	15	US-10-140-860-327	Sequence 327, App	180	2454	100.0	2454	15	US-10-121-051-327	Sequence 327, App
23	2454	100.0	2454	15	US-10-142-417-327	Sequence 327, App	181	2454	100.0	2454	15	US-10-121-042-327	Sequence 327, App
24	2454	100.0	2454	15	US-10-147-519-327	Sequence 327, App	182	2454	100.0	2454	15	US-10-123-912-327	Sequence 327, App
25	2454	100.0	2454	15	US-10-157-782-327	Sequence 327, App	183	2454	100.0	2454	15	US-10-223-085-29	Sequence 29, App
26	2454	100.0	2454	15	US-10-152-395-327	Sequence 327, App	184	2454	100.0	2454	15	US-10-192-007-327	Sequence 327, App
27	2454	100.0	2454	15	US-10-125-926A-327	Sequence 327, App	185	2454	100.0	2454	15	US-10-194-359-327	Sequence 327, App
28	2454	100.0	2454	15	US-10-125-930A-327	Sequence 327, App	186	2454	100.0	2454	15	US-10-223-084-29	Sequence 29, App
29	2454	100.0	2454	15	US-10-127-831A-327	Sequence 327, App	187	2454	100.0	2454	15	US-10-223-088-29	Sequence 29, App
30	2454	100.0	2454	15	US-10-127-837A-327	Sequence 327, App	188	2454	100.0	2454	15	US-10-223-090-29	Sequence 29, App
31	2454	100.0	2454	15	US-10-127-838B-327	Sequence 327, App	189	2454	100.0	2454	15	US-10-223-087-29	Sequence 29, App
32	2454	100.0	2454	15	US-10-127-842A-327	Sequence 327, App	190	2454	100.0	2454	15	US-10-127-847A-327	Sequence 327, App
33	2454	100.0	2454	15	US-10-127-843A-327	Sequence 327, App	191	2454	100.0	2454	15	US-10-223-083-29	Sequence 29, App
34	2454	100.0	2454	15	US-10-127-845A-327	Sequence 327, App	192	2454	100.0	2454	15	US-10-175-590-327	Sequence 327, App
35	2454	100.0	2454	15	US-10-127-846A-327	Sequence 327, App	193	2454	100.0	2454	15	US-10-223-089-29	Sequence 29, App
36	2454	100.0	2454	15	US-10-127-848A-327	Sequence 327, App	194	2454	100.0	2454	15	US-10-137-866-327	Sequence 327, App
37	2454	100.0	2454	15	US-10-127-849A-327	Sequence 327, App	195	2454	100.0	2454	15	US-10-146-726-327	Sequence 327, App
38	2454	100.0	2454	15	US-10-127-850A-327	Sequence 327, App	196	2454	100.0	2454	15	US-10-146-727-327	Sequence 327, App
39	2454	100.0	2454	15	US-10-127-851A-327	Sequence 327, App	197	2454	100.0	2454	15	US-10-146-788-327	Sequence 327, App
40	2454	100.0	2454	15	US-10-127-853A-327	Sequence 327, App	198	2454	100.0	2454	15	US-10-152-380-327	Sequence 327, App
41	2454	100.0	2454	15	US-10-128-684A-327	Sequence 327, App	199	2454	100.0	2454	15	US-10-153-934-327	Sequence 327, App
42	2454	100.0	2454	15	US-10-128-686A-327	Sequence 327, App	200	2454	100.0	2454	15	US-10-153-930-327	Sequence 327, App
43	2454	100.0	2454	15	US-10-128-690A-327	Sequence 327, App	201	2454	100.0	2454	15	US-10-140-807-327	Sequence 327, App
44	2454	100.0	2454	15	US-10-128-691A-327	Sequence 327, App	202	2454	100.0	2454	15	US-10-140-924-327	Sequence 327, App
45	2454	100.0	2454	15	US-10-131-819A-327	Sequence 327, App	203	2454	100.0	2454	15	US-10-140-926-327	Sequence 327, App
46	2454	100.0	2454	15	US-10-131-829A-327	Sequence 327, App	204	2454	100.0	2454	15	US-10-141-698-327	Sequence 327, App
47	2454	100.0	2454	15	US-10-131-836A-327	Sequence 327, App	205	2454	100.0	2454	15	US-10-141-702-327	Sequence 327, App
48	2454	100.0	2454	15	US-10-146-791-327	Sequence 327, App	206	2454	100.0	2454	15	US-10-141-704-327	Sequence 327, App
49	2454	100.0	2454	15	US-10-147-484-327	Sequence 327, App	207	2454	100.0	2454	15	US-10-142-421-327	Sequence 327, App
50	2454	100.0	2454	15	US-10-147-508-327	Sequence 327, App	208	2454	100.0	2454	15	US-10-142-432-327	Sequence 327, App
51	2454	100.0	2454	15	US-10-147-513-327	Sequence 327, App	209	2454	100.0	2454	15	US-10-142-767-327	Sequence 327, App
52	2454	100.0	2454	15	US-10-175-513-327	Sequence 327, App	210	2454	100.0	2454	15	US-10-143-033-327	Sequence 327, App
53	2454	100.0	2454	15	US-10-121-040-327	Sequence 327, App	211	2454	100.0	2454	15	US-10-144-994-327	Sequence 327, App
54	2454	100.0	2454	15	US-10-121-056-327	Sequence 327, App	212	2454	100.0	2454	15	US-10-145-628-327	Sequence 327, App
55	2454	100.0	2454	15	US-10-121-061-327	Sequence 327, App	213	2454	100.0	2454	15	US-10-145-746-327	Sequence 327, App
56	2454	100.0	2454	15	US-10-123-235-327	Sequence 327, App	214	2454	100.0	2454	15	US-10-145-748-327	Sequence 327, App
57	2454	100.0	2454	15	US-10-124-818-327	Sequence 327, App	215	2454	100.0	2454	15	US-10-145-823-327	Sequence 327, App
58	2454	100.0	2454	15	US-10-137-868-327	Sequence 327, App	216	2454	100.0	2454	15	US-10-145-826-327	Sequence 327, App
59	2454	100.0	2454	15	US-10-147-492-327	Sequence 327, App	217	2454	100.0	2454	15	US-10-145-870-327	Sequence 327, App
60	2454	100.0	2454	15	US-10-147-492-327	Sequence 327, App	218	2454	100.0	2454	15	US-10-145-876-327	Sequence 327, App
61	2454	100.0	2454	15	US-10-158-782-327	Sequence 327, App	219	2454	100.0	2454	15	US-10-145-959-327	Sequence 327, App
62	2454	100.0	2454	15	US-10-123-905-327	Sequence 327, App	220	2454	100.0	2454	15	US-10-146-724-327	Sequence 327, App
63	2454	100.0	2454	15	US-10-124-815-327	Sequence 327, App	221	2454	100.0	2454	15	US-10-146-725-327	Sequence 327, App
64	2454	100.0	2454	15	US-10-124-815-327	Sequence 327, App	222	2454	100.0	2454	15	US-10-146-795-327	Sequence 327, App
65	2454	100.0	2454	15	US-10-125-921A-327	Sequence 327, App	223	2454	100.0	2454	15	US-10-147-495-327	Sequence 327, App
66	2454	100.0	2454	15	US-10-125-928A-327	Sequence 327, App	224	2454	100.0	2454	15	US-10-147-501-327	Sequence 327, App
67	2454	100.0	2454	15	US-10-127-822A-327	Sequence 327, App	225	2454	100.0	2454	15	US-10-147-504-327	Sequence 327, App
68	2454	100.0	2454	15	US-10-127-824A-327	Sequence 327, App	226	2454	100.0	2454	15	US-10-147-506-327	Sequence 327, App
69	2454	100.0	2454	15	US-10-127-826A-327	Sequence 327, App	227	2454	100.0	2454	15	US-10-147-510-327	Sequence 327, App
70	2454	100.0	2454	15	US-10-127-827A-327	Sequence 327, App	228	2454	100.0	2454	15	US-10-147-511-327	Sequence 327, App
71	2454	100.0	2454	15	US-10-127-828A-327	Sequence 327, App	229	2454	100.0	2454	15	US-10-147-519-327	Sequence 327, App
72	2454	100.0	2454	15	US-10-127-830A-327	Sequence 327, App	230	2454	100.0	2454	15	US-10-152-397-327	Sequence 327, App
73	2454	100.0	2454	15	US-10-127-832A-327	Sequence 327, App	231	2454	100.0	2454	15	US-10-153-586-327	Sequence 327, App
74	2454	100.0	2454	15	US-10-127-833A-327	Sequence 327, App	232	2454	100.0	2454	15	US-10-158-786-327	Sequence 327, App
75	2454	100.0	2454	15	US-10-127-834A-327	Sequence 327, App	233	2454	100.0	2454	15	US-10-137-870-327	Sequence 327, App

234	2454	100.0	2454	15	US-10-140-018-327	Sequence 327, App	307	2454	100.0	2454	15	US-10-147-490-327	Sequence 327, App
235	2454	100.0	2454	15	US-10-140-021-327	Sequence 327, App	308	2454	100.0	2454	15	US-10-147-494-327	Sequence 327, App
236	2454	100.0	2454	15	US-10-140-071-327	Sequence 327, App	309	2454	100.0	2454	15	US-10-147-498-327	Sequence 327, App
237	2454	100.0	2454	15	US-10-140-922-327	Sequence 327, App	310	2454	100.0	2454	15	US-10-147-514-327	Sequence 327, App
238	2454	100.0	2454	15	US-10-145-631-327	Sequence 327, App	311	2454	100.0	2454	15	US-10-147-524-327	Sequence 327, App
239	2454	100.0	2454	15	US-10-145-633-327	Sequence 327, App	312	2454	100.0	2454	15	US-10-152-379-327	Sequence 327, App
240	2454	100.0	2454	15	US-10-158-783-327	Sequence 327, App	313	2454	100.0	2454	15	US-10-152-394-327	Sequence 327, App
241	2454	100.0	2454	15	US-10-140-074-327	Sequence 327, App	314	2454	100.0	2454	15	US-10-152-406-327	Sequence 327, App
242	2454	100.0	2454	15	US-10-140-019-327	Sequence 327, App	315	2454	100.0	2454	15	US-10-156-847-327	Sequence 327, App
243	2454	100.0	2454	15	US-10-140-022-327	Sequence 327, App	316	2454	100.0	2454	15	US-10-157-778-327	Sequence 327, App
244	2454	100.0	2454	15	US-10-140-861-327	Sequence 327, App	317	2454	100.0	2454	15	US-10-157-799-327	Sequence 327, App
245	2454	100.0	2454	15	US-10-140-862-327	Sequence 327, App	318	2454	100.0	2454	15	US-10-160-504-327	Sequence 327, App
246	2454	100.0	2454	15	US-10-141-697-327	Sequence 327, App	319	2454	100.0	2454	15	US-10-145-634-327	Sequence 327, App
247	2454	100.0	2454	15	US-10-141-700-327	Sequence 327, App	320	2454	100.0	2454	15	US-10-147-520-327	Sequence 327, App
248	2454	100.0	2454	15	US-10-141-705-327	Sequence 327, App	321	2454	100.0	2454	15	US-10-157-781-327	Sequence 327, App
249	2454	100.0	2454	15	US-10-141-703-327	Sequence 327, App	322	2454	100.0	2454	15	US-10-176-989-327	Sequence 327, App
250	2454	100.0	2454	15	US-10-141-758-327	Sequence 327, App	323	2454	100.0	2454	15	US-10-147-491-327	Sequence 327, App
251	2454	100.0	2454	15	US-10-141-759-327	Sequence 327, App	324	2454	100.0	2454	15	US-10-152-382-327	Sequence 327, App
252	2454	100.0	2454	15	US-10-142-418-327	Sequence 327, App	325	2454	100.0	2454	15	US-10-152-383-327	Sequence 327, App
253	2454	100.0	2454	15	US-10-142-420-327	Sequence 327, App	326	2454	100.0	2454	15	US-10-152-384-327	Sequence 327, App
254	2454	100.0	2454	15	US-10-142-422-327	Sequence 327, App	327	2454	100.0	2454	15	US-10-152-389-327	Sequence 327, App
255	2454	100.0	2454	15	US-10-142-427-327	Sequence 327, App	328	2454	100.0	2454	15	US-10-152-390-327	Sequence 327, App
256	2454	100.0	2454	15	US-10-142-760-327	Sequence 327, App	329	2454	100.0	2454	15	US-10-152-392-327	Sequence 327, App
257	2454	100.0	2454	15	US-10-145-821-327	Sequence 327, App	330	2454	100.0	2454	15	US-10-152-403-327	Sequence 327, App
258	2454	100.0	2454	15	US-10-152-531-327	Sequence 327, App	331	2454	100.0	2454	15	US-10-152-403-327	Sequence 327, App
259	2454	100.0	2454	15	US-10-127-840A-327	Sequence 327, App	332	2454	100.0	2454	15	US-10-153-756-327	Sequence 327, App
260	2454	100.0	2454	15	US-10-142-434-327	Sequence 327, App	333	2454	100.0	2454	15	US-10-157-784-327	Sequence 327, App
261	2454	100.0	2454	15	US-10-142-761-327	Sequence 327, App	334	2454	100.0	2454	15	US-10-157-797-327	Sequence 327, App
262	2454	100.0	2454	15	US-10-142-765-327	Sequence 327, App	335	2454	100.0	2454	15	US-10-158-491-327	Sequence 327, App
263	2454	100.0	2454	15	US-10-142-887-327	Sequence 327, App	336	2454	100.0	2454	15	US-10-142-762-327	Sequence 327, App
264	2454	100.0	2454	15	US-10-142-888-327	Sequence 327, App	337	2454	100.0	2454	15	US-10-142-764-327	Sequence 327, App
265	2454	100.0	2454	15	US-10-143-034-327	Sequence 327, App	338	2454	100.0	2454	15	US-10-142-766-327	Sequence 327, App
266	2454	100.0	2454	15	US-10-143-116-327	Sequence 327, App	339	2454	100.0	2454	15	US-10-145-625-327	Sequence 327, App
267	2454	100.0	2454	15	US-10-143-117-327	Sequence 327, App	340	2454	100.0	2454	15	US-10-145-625-327	Sequence 327, App
268	2454	100.0	2454	15	US-10-144-957-327	Sequence 327, App	341	2454	100.0	2454	15	US-10-145-960-327	Sequence 327, App
269	2454	100.0	2454	15	US-10-144-992-327	Sequence 327, App	342	2454	100.0	2454	15	US-10-145-962-327	Sequence 327, App
270	2454	100.0	2454	15	US-10-145-015-327	Sequence 327, App	343	2454	100.0	2454	15	US-10-146-789-327	Sequence 327, App
271	2454	100.0	2454	15	US-10-145-090-327	Sequence 327, App	344	2454	100.0	2454	15	US-10-147-483-327	Sequence 327, App
272	2454	100.0	2454	15	US-10-145-091-327	Sequence 327, App	345	2454	100.0	2454	15	US-10-147-496-327	Sequence 327, App
273	2454	100.0	2454	15	US-10-145-629-327	Sequence 327, App	346	2454	100.0	2454	15	US-10-147-505-327	Sequence 327, App
274	2454	100.0	2454	15	US-10-145-630-327	Sequence 327, App	347	2454	100.0	2454	15	US-10-147-516-327	Sequence 327, App
275	2454	100.0	2454	15	US-10-145-747-327	Sequence 327, App	348	2454	100.0	2454	15	US-10-152-398-327	Sequence 327, App
276	2454	100.0	2454	15	US-10-145-752-327	Sequence 327, App	349	2454	100.0	2454	15	US-10-139-980-327	Sequence 327, App
277	2454	100.0	2454	15	US-10-145-753-327	Sequence 327, App	350	2454	100.0	2454	15	US-10-145-750-327	Sequence 327, App
278	2454	100.0	2454	15	US-10-145-755-327	Sequence 327, App	351	2454	100.0	2454	15	US-10-152-373-327	Sequence 327, App
279	2454	100.0	2454	15	US-10-145-818-327	Sequence 327, App	352	2454	100.0	2454	15	US-10-223-081-29	Sequence 327, App
280	2454	100.0	2454	15	US-10-145-820-327	Sequence 327, App	353	2454	100.0	2454	15	US-10-121-050-327	Sequence 327, App
281	2454	100.0	2454	15	US-10-145-872-327	Sequence 327, App	354	2454	100.0	2454	15	US-10-121-044-327	Sequence 327, App
282	2454	100.0	2454	15	US-10-145-873-327	Sequence 327, App	355	2454	100.0	2454	15	US-10-121-055-327	Sequence 327, App
283	2454	100.0	2454	15	US-10-147-481-327	Sequence 327, App	356	2454	100.0	2454	15	US-10-121-057-327	Sequence 327, App
284	2454	100.0	2454	15	US-10-147-482-327	Sequence 327, App	357	2454	100.0	2454	15	US-10-121-058-327	Sequence 327, App
285	2454	100.0	2454	15	US-10-147-503-327	Sequence 327, App	358	2454	100.0	2454	15	US-10-121-059-327	Sequence 327, App
286	2454	100.0	2454	15	US-10-147-522-327	Sequence 327, App	359	2454	100.0	2454	15	US-10-123-109-327	Sequence 327, App
287	2454	100.0	2454	15	US-10-152-401-327	Sequence 327, App	360	2454	100.0	2454	15	US-10-123-109-327	Sequence 327, App
288	2454	100.0	2454	15	US-10-157-783-327	Sequence 327, App	361	2454	100.0	2454	15	US-10-123-157-327	Sequence 327, App
289	2454	100.0	2454	15	US-10-158-792-327	Sequence 327, App	362	2454	100.0	2454	15	US-10-123-157-327	Sequence 327, App
290	2454	100.0	2454	15	US-10-158-462-327	Sequence 327, App	363	2454	100.0	2454	15	US-10-124-814-327	Sequence 327, App
291	2454	100.0	2454	15	US-10-143-035-327	Sequence 327, App	364	2454	100.0	2454	15	US-10-124-816-327	Sequence 327, App
292	2454	100.0	2454	15	US-10-145-622-327	Sequence 327, App	365	2454	100.0	2454	15	US-10-124-820-327	Sequence 327, App
293	2454	100.0	2454	15	US-10-145-624-327	Sequence 327, App	366	2454	100.0	2454	15	US-10-125-704-327	Sequence 327, App
294	2454	100.0	2454	15	US-10-145-827-327	Sequence 327, App	367	2454	100.0	2454	15	US-10-125-927-327	Sequence 327, App
295	2454	100.0	2454	15	US-10-145-827-327	Sequence 327, App	368	2454	100.0	2454	15	US-10-125-927-327	Sequence 327, App
296	2454	100.0	2454	15	US-10-145-869-327	Sequence 327, App	369	2454	100.0	2454	15	US-10-223-082-39	Sequence 327, App
297	2454	100.0	2454	15	US-10-145-875-327	Sequence 327, App	370	2454	100.0	2454	15	US-10-142-889-327	Sequence 327, App
298	2454	100.0	2454	15	US-10-145-877-327	Sequence 327, App	371	2454	100.0	2454	15	US-10-145-884-327	Sequence 327, App
299	2454	100.0	2454	15	US-10-145-958-327	Sequence 327, App	372	2454	100.0	2454	15	US-10-147-497-327	Sequence 327, App
300	2454	100.0	2454	15	US-10-146-790-327	Sequence 327, App	373	2454	100.0	2454	15	US-10-153-371-327	Sequence 327, App
301	2454	100.0	2454	15	US-10-146-790-327	Sequence 327, App	374	2454	100.0	2454	15	US-10-153-371-327	Sequence 327, App
302	2454	100.0	2454	15	US-10-146-793-327	Sequence 327, App	375	2454	100.0	2454	15	US-10-153-375-327	Sequence 327, App
303	2454	100.0	2454	15	US-10-147-480-327	Sequence 327, App	376	2454	100.0	2454	15	US-10-152-386-327	Sequence 327, App
304	2454	100.0	2454	15	US-10-147-485-327	Sequence 327, App	377	2454	100.0	2454	15	US-10-152-391-327	Sequence 327, App
305	2454	100.0	2454	15	US-10-147-486-327	Sequence 327, App	378	2454	100.0	2454	15	US-10-152-391-327	Sequence 327, App
306	2454	100.0	2454	15	US-10-147-487-327	Sequence 327, App	379	2454	100.0	2454	15	US-10-152-399-327	Sequence 327, App

380	2454	100.0	2454	100.0	2454	15	US-10-156-848-327	Sequence 327, App	453	2454	100.0	2454	100.0	2454	16	US-10-429-667-1	Sequence 1, Appli
381	2454	100.0	2454	100.0	2454	15	US-10-157-785-327	Sequence 327, App	454	2454	100.0	2454	100.0	2454	16	US-10-139-963-327	Sequence 327, App
382	2454	100.0	2454	100.0	2454	15	US-10-157-794-327	Sequence 327, App	455	2454	100.0	2454	100.0	2454	16	US-10-140-020-327	Sequence 327, App
383	2454	100.0	2454	100.0	2454	15	US-10-157-796-327	Sequence 327, App	456	2454	100.0	2454	100.0	2454	16	US-10-140-023-327	Sequence 327, App
384	2454	100.0	2454	100.0	2454	15	US-10-160-500-327	Sequence 327, App	457	2454	100.0	2454	100.0	2454	16	US-10-140-809-327	Sequence 327, App
385	2454	100.0	2454	100.0	2454	15	US-10-121-046-327	Sequence 327, App	458	2454	100.0	2454	100.0	2454	16	US-10-140-865-327	Sequence 327, App
386	2454	100.0	2454	100.0	2454	15	US-10-123-156-327	Sequence 327, App	459	2454	100.0	2454	100.0	2454	16	US-10-141-701-327	Sequence 327, App
387	2454	100.0	2454	100.0	2454	15	US-10-123-214-327	Sequence 327, App	460	2454	100.0	2454	100.0	2454	16	US-10-141-754-327	Sequence 327, App
388	2454	100.0	2454	100.0	2454	15	US-10-125-805-327	Sequence 327, App	461	2454	100.0	2454	100.0	2454	16	US-10-141-760-327	Sequence 327, App
389	2454	100.0	2454	100.0	2454	15	US-10-124-821-327	Sequence 327, App	462	2454	100.0	2454	100.0	2454	16	US-10-142-425-327	Sequence 327, App
390	2454	100.0	2454	100.0	2454	15	US-10-152-385-327	Sequence 327, App	463	2454	100.0	2454	100.0	2454	16	US-10-142-430-327	Sequence 327, App
391	2454	100.0	2454	100.0	2454	15	US-10-152-393-327	Sequence 327, App	464	2454	100.0	2454	100.0	2454	16	US-10-143-113-327	Sequence 327, App
392	2454	100.0	2454	100.0	2454	15	US-10-152-396-327	Sequence 327, App	465	2454	100.0	2454	100.0	2454	16	US-10-146-730-327	Sequence 327, App
393	2454	100.0	2454	100.0	2454	15	US-10-153-552-327	Sequence 327, App	466	2454	100.0	2454	100.0	2454	16	US-10-146-792-327	Sequence 327, App
394	2454	100.0	2454	100.0	2454	15	US-10-153-840-327	Sequence 327, App	467	2454	100.0	2454	100.0	2454	16	US-10-158-791-327	Sequence 327, App
395	2454	100.0	2454	100.0	2454	15	US-10-158-841-327	Sequence 327, App	468	2454	100.0	2454	100.0	2454	16	US-10-156-843-327	Sequence 327, App
396	2454	100.0	2454	100.0	2454	15	US-10-158-844-327	Sequence 327, App	469	2454	100.0	2454	100.0	2454	16	US-10-157-786-327	Sequence 327, App
397	2454	100.0	2454	100.0	2454	15	US-10-156-844-327	Sequence 327, App	470	2454	100.0	2454	100.0	2454	16	US-10-147-528-327	Sequence 327, App
398	2454	100.0	2454	100.0	2454	15	US-10-156-845-327	Sequence 327, App	471	2454	100.0	2454	100.0	2454	16	US-10-128-692A-327	Sequence 327, App
399	2454	100.0	2454	100.0	2454	15	US-10-156-846-327	Sequence 327, App	472	2454	100.0	2454	100.0	2454	16	US-10-140-927-327	Sequence 327, App
400	2454	100.0	2454	100.0	2454	15	US-10-121-048-327	Sequence 327, App	473	2454	100.0	2454	100.0	2454	17	US-10-147-536-327	Sequence 327, App
401	2454	100.0	2454	100.0	2454	15	US-10-121-052-327	Sequence 327, App	474	1862.8	75.9	1903	13	US-10-342-987-1694	Sequence 1694, Ap		
402	2454	100.0	2454	100.0	2454	15	US-10-121-053-327	Sequence 327, App	475	1862.8	75.9	1903	13	US-10-172-118-1694	Sequence 1694, Ap		
403	2454	100.0	2454	100.0	2454	15	US-10-121-054-327	Sequence 327, App	476	1862.8	75.9	1903	15	US-10-177-293-432	Sequence 432, App		
404	2454	100.0	2454	100.0	2454	15	US-10-121-063-327	Sequence 327, App	477	1862.8	75.9	1903	15	US-10-301-822-194	Sequence 194, App		
405	2454	100.0	2454	100.0	2454	15	US-10-123-212-327	Sequence 327, App	478	1136.6	46.3	2305	10	US-09-866-050A-574	Sequence 574, App		
406	2454	100.0	2454	100.0	2454	15	US-10-123-213-327	Sequence 327, App	479	1136.6	46.3	2305	15	US-10-152-661-574	Sequence 574, App		
407	2454	100.0	2454	100.0	2454	15	US-10-123-291-327	Sequence 327, App	480	1129	46.0	2357	15	US-10-319-130-1	Sequence 1, Appli		
408	2454	100.0	2454	100.0	2454	15	US-10-123-322-327	Sequence 327, App	481	905	36.9	1119	15	US-10-319-130-2	Sequence 2, Appli		
409	2454	100.0	2454	100.0	2454	15	US-10-123-771-327	Sequence 327, App	482	583	23.8	597	13	US-10-085-783A-4458	Sequence 4458, A		
410	2454	100.0	2454	100.0	2454	15	US-10-123-911-327	Sequence 327, App	483	583	23.8	597	16	US-10-242-535A-4458	Sequence 4458, A		
411	2454	100.0	2454	100.0	2454	15	US-10-124-823-327	Sequence 327, App	484	578	23.6	600	13	US-10-085-783A-44576	Sequence 44576, A		
412	2454	100.0	2454	100.0	2454	15	US-10-125-931-327	Sequence 327, App	485	578	23.6	600	16	US-10-242-535A-44576	Sequence 44576, A		
413	2454	100.0	2454	100.0	2454	15	US-10-125-932-327	Sequence 327, App	486	575.4	23.4	660	13	US-10-085-783A-15316	Sequence 15316, A		
414	2454	100.0	2454	100.0	2454	16	US-10-123-913-327	Sequence 327, App	487	575.4	23.4	660	16	US-10-242-535A-15316	Sequence 15316, A		
415	2454	100.0	2454	100.0	2454	16	US-10-137-867-327	Sequence 327, App	488	550	22.4	558	13	US-10-085-783A-45543	Sequence 45543, A		
416	2454	100.0	2454	100.0	2454	16	US-10-140-473-327	Sequence 327, App	489	550	22.4	558	16	US-10-242-535A-45543	Sequence 45543, A		
417	2454	100.0	2454	100.0	2454	16	US-10-140-806-327	Sequence 327, App	490	542.8	22.1	574	13	US-10-085-783A-17411	Sequence 17411, A		
418	2454	100.0	2454	100.0	2454	16	US-10-140-810-327	Sequence 327, App	491	542.8	22.1	574	16	US-10-242-535A-17411	Sequence 17411, A		
419	2454	100.0	2454	100.0	2454	16	US-10-140-863-327	Sequence 327, App	492	529.6	21.6	600	13	US-10-085-783A-51469	Sequence 51469, A		
420	2454	100.0	2454	100.0	2454	16	US-10-141-693-327	Sequence 327, App	493	529.6	21.6	600	16	US-10-242-535A-51469	Sequence 51469, A		
421	2454	100.0	2454	100.0	2454	16	US-10-141-703-327	Sequence 327, App	494	528	21.5	550	13	US-10-085-783A-3902	Sequence 3902, App		
422	2454	100.0	2454	100.0	2454	16	US-10-141-706-327	Sequence 327, App	495	528	21.5	550	16	US-10-242-535A-3902	Sequence 3902, App		
423	2454	100.0	2454	100.0	2454	16	US-10-141-757-327	Sequence 327, App	496	516.4	21.0	540	13	US-10-085-783A-44492	Sequence 44492, A		
424	2454	100.0	2454	100.0	2454	16	US-10-141-762-327	Sequence 327, App	497	516.4	21.0	540	16	US-10-242-535A-44492	Sequence 44492, A		
425	2454	100.0	2454	100.0	2454	16	US-10-142-428-327	Sequence 327, App	498	515.8	21.0	547	13	US-10-085-783A-46427	Sequence 46427, A		
426	2454	100.0	2454	100.0	2454	16	US-10-142-429-327	Sequence 327, App	499	515.8	21.0	547	16	US-10-242-535A-46427	Sequence 46427, A		
427	2454	100.0	2454	100.0	2454	16	US-10-142-429-327	Sequence 327, App	500	514	20.9	542	13	US-10-085-783A-45603	Sequence 45603, A		
428	2454	100.0	2454	100.0	2454	16	US-10-143-027-327	Sequence 327, App									
429	2454	100.0	2454	100.0	2454	16	US-10-143-115-327	Sequence 327, App									
430	2454	100.0	2454	100.0	2454	16	US-10-144-956-327	Sequence 327, App									
431	2454	100.0	2454	100.0	2454	16	US-10-144-958-327	Sequence 327, App									
432	2454	100.0	2454	100.0	2454	16	US-10-145-632-327	Sequence 327, App									
433	2454	100.0	2454	100.0	2454	16	US-10-145-743-327	Sequence 327, App									
434	2454	100.0	2454	100.0	2454	16	US-10-145-753-327	Sequence 327, App									
435	2454	100.0	2454	100.0	2454	16	US-10-145-871-327	Sequence 327, App									
436	2454	100.0	2454	100.0	2454	16	US-10-145-878-327	Sequence 327, App									
437	2454	100.0	2454	100.0	2454	16	US-10-146-794-327	Sequence 327, App									
438	2454	100.0	2454	100.0	2454	16	US-10-147-489-327	Sequence 327, App									
439	2454	100.0	2454	100.0	2454	16	US-10-147-507-327	Sequence 327, App									
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444	2454	100.0	2454	100.0	2454	16	US-10-152-400-327	Sequence 327, App									
445	2454	100.0	2454	100.0	2454	16	US-10-153-585-327	Sequence 327, App									
446	2454	100.0	2454	100.0	2454	16	US-10-157-780-327	Sequence 327, App									
447	2454	100.0	2454	100.0	2454	16	US-10-157-800-327	Sequence 327, App									
448	2454	100.0	2454	100.0	2454	16	US-10-157-801-327	Sequence 327, App									
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450	2454	100.0	2454	100.0	2454	16	US-10-158-784-327	Sequence 327, App									
451	2454	100.0	2454	100.0	2454	16	US-10-158-789-327	Sequence 327, App									
452	2454	100.0	2454	100.0	2454	16	US-10-192-011-327	Sequence 327, App									

Search completed: June 30, 2004, 00:30:00

Job time: 1006 secs